



SEQUENCE LISTING
(37 C.F.R. §§ 1.821 - 1.825)

- (1) GENERAL INFORMATION:
- (i) APPLICANT: ROBERT WEBBER
 - (ii) TITLE OF INVENTION: IMMUNOASSAY METHOD EMPLOYING MONOCLONAL ANTIBODY REACTIVE TO HUMAN iNOS
 - (iii) NUMBER OF SEQUENCES: 126
 - (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: BIELEN, PETERSON & LAMPE
 - (B) STREET: 1990 N. CALIFORNIA BOULEVARD, SUITE 720
 - (C) CITY: WALNUT CREEK
 - (D) STATE: CALIFORNIA
 - (E) COUNTRY: UNITED STATES OF AMERICA
 - (F) ZIP: 94596
 - (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: DISKETTE 3.5 INCH, 1.44 MB FOR FORMATTED
 - (B) COMPUTER: IBM PC COMPATIBLE
 - (C) OPERATING SYSTEM: DOS
 - (D) SOFTWARE: WORDPERFECT 5.1
 - (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER: 08/833,506
 - (B) FILING DATE: 7 April 1997
 - (C) CLASSIFICATION:
 - (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 08/634,332
 - (B) FILING DATE: 12 APRIL 1996
 - (viii) ATTORNEY/AGENT INFORMATION:
 - (A) NAME: THEODORE J. BIELEN, JR.
 - (B) REGISTRATION NUMBER: 27,420
 - (C) REFERENCE/DOCKET NUMBER: 12280
 - (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: (925) 937-1515
 - (B) TELEFAX: (925) 937-1529

- (2) INFORMATION FOR SEQ ID NO: 1:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 18
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (25-42)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:

1

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231, on 29 November 1999

By

Timothy Lampe

Signature

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Asn | Asn | Asn | Val | Glu | Lys | Ala | Pro | Cys | Ala | Thr | Ser | Ser |
| | | | | 5 | | | | | 10 | | | |
| Pro | Val | Thr | Gln | Asp | | | | | | | | |
| | 15 | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: MOUSE iNOS (25-42)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Asn | Asn | Asn | Val | Lys | Lys | Thr | Pro | Cys | Ala | Val | Leu | Ser |
| | | | | 5 | | | | | 10 | | | |
| Pro | Thr | Ile | Gln | Asp | | | | | | | | |
| | 15 | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 3:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: RAT iNOS (25-42)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Asn | Asn | Asn | Val | Glu | Lys | Thr | Pro | Gly | Ala | Ile | Pro | Ser |
| | | | | 5 | | | | | 10 | | | |
| Pro | Thr | Thr | Gln | Asp | | | | | | | | |
| | 15 | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 4:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

- (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (37-54)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ser | Pro | Val | Thr | Gln | Asp | Asp | Leu | Gln | Tyr | His | Asn | Leu |
| | | | | 5 | | | | | 10 | | | |
| Ser | Lys | Gln | Gln | Asn | | | | | | | | |
| | 15 | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 5:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 18
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
- (ii) MOLECULE TYPE: PEPTIDE
- (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (781-798)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Pro | Ala | Leu | Val | Gln | Gly | Ile | Leu | Glu | Arg | Val | Val | Asp |
| | | | | 5 | | | | | 10 | | | |
| Gly | Pro | Thr | Pro | His | | | | | | | | |
| | 15 | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 6:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 18
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
- (ii) MOLECULE TYPE: PEPTIDE
- (ix) FEATURE:
 - (A) NAME/KEY: MOUSE iNOS (776-792)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Xaa | Ala | Leu | Val | Gln | Gly | Ile | Leu | Glu | Arg | Val | Val | Asp |
| | | | | 5 | | | | | 10 | | | |
| Cys | Pro | Thr | Pro | His | | | | | | | | |
| | 15 | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 7:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: RAT iNOS (780-794)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Xaa | Xaa | Leu | Val | Gln | Gly | Ile | Leu | Glu | Arg | Val | Val | Asp |
| | | | | 5 | | | | | 10 | | | |
| Cys | Ser | Ser | Pro | Xaa | | | | | | | | |
| | 15 | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 8:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (985-1002)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Ile | Val | Pro | Phe | Arg | Ser | Phe | Trp | Gln | Gln | Arg | Leu |
| | | | | 5 | | | | | 10 | | | |
| His | Asp | Ser | Gln | His | | | | | | | | |
| | 15 | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 9:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: MOUSE iNOS (978-995)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Ile | Ala | Pro | Phe | Arg | Ser | Phe | Trp | Gln | Gln | Arg | Leu |
| | | | | 5 | | | | | 10 | | | |
| His | Asp | Ser | Gln | His | | | | | | | | |
| | 15 | | | | | | | | | | | |

- (2) INFORMATION FOR SEQ ID NO: 10:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 18
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: RAT iNOS (982-998)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Ile | Ala | Pro | Phe | Arg | Ser | Phe | Trp | Gln | Gln | Arg | Leu |
| | | | | 5 | | | | | 10 | | | |
| His | Asp | Ser | Gln | His | | | | | | | | |
| | 15 | | | | | | | | | | | |

- (2) INFORMATION FOR SEQ ID NO: 11:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 18
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN nNOS (1256-1273)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Ile | Ala | Pro | Phe | Arg | Ser | Phe | Trp | Gln | Gln | Arg | Gln |
| | | | | 5 | | | | | 10 | | | |
| Phe | Asp | Ile | Gln | His | | | | | | | | |
| | 15 | | | | | | | | | | | |

- (2) INFORMATION FOR SEQ ID NO: 12:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 18
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN eNOS (1017-1031)

- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Ile | Ala | Pro | Phe | Arg | Gly | Phe | Trp | Gln | Glu | Arg | Leu |
| | | | | 5 | | | | | 10 | | | |
| His | Asp | Xaa | Xaa | Xaa | | | | | | | | |
| | 15 | | | | | | | | | | | |

- (2) INFORMATION FOR SEQ ID NO: 13:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 18
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
- (ii) MOLECULE TYPE: PEPTIDE
- (ix) FEATURE:
 - (A) NAME/KEY: BOVINE eNOS (1019-1033)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Ile | Ala | Pro | Phe | Arg | Gly | Phe | Trp | Gln | Glu | Arg | Leu |
| | | | | 5 | | | | | 10 | | | |
| His | Asp | Xaa | Xaa | Xaa | | | | | | | | |
| | 15 | | | | | | | | | | | |

- (2) INFORMATION FOR SEQ ID NO: 14:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 18
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
- (ii) MOLECULE TYPE: PEPTIDE
- (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (1009-1026)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Arg | Met | Thr | Leu | Val | Phe | Gly | Cys | Arg | Arg | Pro | Asp | Glu |
| | | | | 5 | | | | | 10 | | | |
| Asp | His | Ile | Tyr | Gln | | | | | | | | |
| | 15 | | | | | | | | | | | |

- (2) INFORMATION FOR SEQ ID NO: 15:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 18

- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR
- (ii) MOLECULE TYPE: PEPTIDE
- (ix) FEATURE:
 - (A) NAME/KEY: RAT iNOS (1006-1023)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Arg | Met | Thr | Leu | Val | Phe | Gly | Cys | Arg | His | Pro | Glu | Glu |
| | | | | 5 | | | | | 10 | | | |
| Asp | His | Leu | Tyr | Gln | | | | | | | | |
| 15 | | | | | | | | | | | | |

- (2) INFORMATION FOR SEQ ID NO: 16:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 18
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
- (ii) MOLECULE TYPE: PEPTIDE
- (ix) FEATURE:
 - (A) NAME/KEY: MOUSE iNOS (1002-1019)
 - (B) LOCATION:
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Arg | Met | Ser | Leu | Val | Phe | Gly | Cys | Arg | His | Pro | Glu | Glu |
| | | | | 5 | | | | | 10 | | | |
| Asp | His | Leu | Tyr | Gln | | | | | | | | |
| 15 | | | | | | | | | | | | |

- (2) INFORMATION FOR SEQ ID NO: 17:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 16
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
- (ii) MOLECULE TYPE: PEPTIDE
- (ix) FEATURE:
 - (A) NAME/KEY: hnNOS [2-16, Cys¹⁷]
 - (B) LOCATION: HUMAN nNOS: AMINO TERMINAL
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Glu | Asp | His | Met | Phe | Gly | Val | Gln | Gln | Ile | Gln | Pro | Asn |
| | | | | 5 | | | | | 10 | | | |
| Val | Ile | Cys | | | | | | | | | | |
| 15 | | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 18:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 24

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: hnNOS [Cys¹⁴¹⁰-1411-1433]

(B) LOCATION: HUMAN nNOS: CARBOXYL TERMINAL

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cys | Arg | Leu | Arg | Ser | Glu | Ser | Ile | Ala | Phe | Ile | Glu | Glu |
| | | | | 5 | | | | | 10 | | | |
| Ser | Lys | Lys | Asp | Thr | Asp | Glu | Val | Phe | Ser | Ser | | |
| | 15 | | | | | 20 | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 19:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 20

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: hiNOS [2-21, Ser²]

(B) LOCATION: HUMAN iNOS: AMINO TERMINAL

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ala | Ser | Pro | Trp | Lys | Phe | Leu | Phe | Lys | Thr | Lys | Phe | His |
| | | | | 5 | | | | | 10 | | | |
| Gln | Tyr | Ala | Met | Asn | Gly | Glu | | | | | | |
| | 15 | | | | | 20 | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 20:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: hiNOS [Cys¹¹³⁶-1137-1153]

(B) LOCATION: HUMAN iNOS: CARBOXYL TERMINAL

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cys | Lys | Lys | Asp | Arg | Val | Ala | Val | Gln | Pro | Ser | Ser | Leu |
| | | | | 5 | | | | | 10 | | | |
| Glu | Met | Ser | Ala | Leu | | | | | | | | |
| | 15 | | | | | | | | | | | |

- (2) INFORMATION FOR SEQ ID NO: 21:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 12
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: heNOS [Cap-2-12, Cys¹³]
 - (B) LOCATION: HUMAN eNOS: AMINO TERMINAL WITH CAPROIC ACID ATTACHED
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:

| | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Asn | Leu | Lys | Ser | Val | Ala | Gln | Glu | Pro | Gly | Cys |
| | | | | 5 | | | | | 10 | | |

- (2) INFORMATION FOR SEQ ID NO: 22:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 12
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: heNOS [2-12, Cys¹³]
 - (B) LOCATION: HUMAN eNOS: AMINO TERMINAL WITHOUT CAPROIC ACID ATTACHED
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 22:

| | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Asn | Leu | Lys | Ser | Val | Ala | Gln | Glu | Pro | Gly | Cys |
| | | | | 5 | | | | | 10 | | |

- (2) INFORMATION FOR SEQ ID NO: 23:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 23
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: heNOS [Cys¹¹⁸¹-1182-1203]
 - (B) LOCATION: HUMAN eNOS: CARBOXYL TERMINAL
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 23:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cys | Glu | Arg | Gln | Leu | Arg | Glu | Ala | Val | Pro | Trp | Ala | Phe |
| | | | | 5 | | | | | 10 | | | |
| Asp | Pro | Pro | Gly | Ser | Asp | Thr | Asn | Ser | Pro | | | |
| | 15 | | | | | 20 | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 24:
(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: hiNOS [985-1002]
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 24:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Ile | Val | Pro | Phe | Arg | Ser | Phe | Trp | Gln | Gln | Arg | Leu |
| | | | | 5 | | | | | 10 | | | |
| His | Asp | Ser | Gln | His | | | | | | | | |
| | 15 | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 25:
(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: hiNOS [985-1002]
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 25:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Ile | Val | Pro | Phe | Arg | Ser | Phe | Trp | Gln | Gln | Arg | Leu |
| | | | | 5 | | | | | 10 | | | |
| His | Asp | Ser | Gln | His | | | | | | | | |
| | 15 | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 26:
(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: hiNOS [37-54]

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 26:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ser | Pro | Val | Thr | Gln | Asp | Asp | Leu | Gln | Tyr | His | Asn | Leu |
| | | | | 5 | | | | | 10 | | | |
| Ser | Lys | Gln | Gln | Asn | | | | | | | | |
| | 15 | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 27:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: hiNOS [781-798]

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 27:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Pro | Ala | Leu | Val | Gln | Gly | Ile | Leu | Glu | Arg | Val | Val | Asp |
| | | | | 5 | | | | | 10 | | | |
| Gly | Pro | Thr | Pro | His | | | | | | | | |
| | 15 | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 28:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: hiNOS [25-42]

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 28:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Asn | Asn | Asn | Val | Glu | Lys | Ala | Pro | Ser | Ala | Thr | Ser | Ser |
| | | | | 5 | | | | | 10 | | | |
| Pro | Val | Thr | Gln | Asp | | | | | | | | |
| | 15 | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 29:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 18
 (B) TYPE: AMINO ACID
 (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:
 (A) NAME/KEY: hiNOS [37-54]
 (B) LOCATION:
 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 29:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ser | Pro | Val | Thr | Gln | Asp | Asp | Leu | Gln | Tyr | His | Asn | Leu |
| | | | | 5 | | | | | 10 | | | |
| Ser | Lys | Gln | Gln | Asn | | | | | | | | |
| | 15 | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 30:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 18
 (B) TYPE: AMINO ACID
 (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:
 (A) NAME/KEY: hiNOS [781-798]
 (B) LOCATION:
 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 30:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Pro | Ala | Leu | Val | Gln | Gly | Ile | Leu | Glu | Arg | Val | Val | Asp |
| | | | | 5 | | | | | 10 | | | |
| Gly | Pro | Thr | Pro | His | | | | | | | | |
| | 15 | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 31:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 18
 (B) TYPE: AMINO ACID
 (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:
 (A) NAME/KEY: hiNOS [1009-1026]
 (B) LOCATION:
 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 31:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Arg | Met | Thr | Leu | Val | Phe | Gly | Ser | Arg | Arg | Pro | Asp | Glu |
| | | | | 5 | | | | | 10 | | | |
| Asp | His | Ile | Tyr | Gln | | | | | | | | |
| | 15 | | | | | | | | | | | |

- (2) INFORMATION FOR SEQ ID NO: 32:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 18
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: (A3) LOCUS HUMAN iNOS (25-42)
 - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 32:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Asn | Asn | Asn | Val | Glu | Lys | Ala | Pro | Ser | Ala | Thr | Ser | Ser |
| | | | | 5 | | | | | 10 | | | |
| Pro | Val | Thr | Gln | Asp | | | | | | | | |
| | 15 | | | | | | | | | | | |

- (2) INFORMATION FOR SEQ ID NO: 33:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 18
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: MOUSE iNOS (25-42)
 - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 33:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Asn | Asn | Asn | Val | Lys | Lys | Thr | Pro | Ser | Ala | Val | Leu | Ser |
| | | | | 5 | | | | | 10 | | | |
| Pro | Thr | Ile | Gln | Asp | | | | | | | | |
| | 15 | | | | | | | | | | | |

- (2) INFORMATION FOR SEQ ID NO: 34:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 18
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: RAT iNOS (25-42)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 (D) OTHER INFORMATION:
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 34:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Asn | Asn | Asn | Val | Glu | Lys | Thr | Pro | Gly | Ala | Ile | Pro | Ser |
| | | | | 5 | | | | | 10 | | | |
| Pro | Thr | Thr | Gln | Asp | | | | | | | | |
| | 15 | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 35:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 15
 (B) TYPE: AMINO ACID
 (D) TOPOLOGY: LINEAR
 (ii) MOLECULE TYPE: PEPTIDE
 (ix) FEATURE:
 (A) NAME/KEY: HUMAN iNOS (28-42)
 (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 (D) OTHER INFORMATION:
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 35:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Val | Glu | Lys | Ala | Pro | Ser | Ala | Thr | Ser | Ser | Pro | Val | Thr |
| | | | | 5 | | | | | 10 | | | |
| Gln | Asp | | | | | | | | | | | |
| | 15 | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 36:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 12
 (B) TYPE: AMINO ACID
 (D) TOPOLOGY: LINEAR
 (ii) MOLECULE TYPE: PEPTIDE
 (ix) FEATURE:
 (A) NAME/KEY: HUMAN iNOS (31-42)
 (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 (D) OTHER INFORMATION:
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 36:

| | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ala | Pro | Ser | Ala | Thr | Ser | Ser | Pro | Val | Thr | Gln | Asp |
| | | | | 5 | | | | | 10 | | |

(2) INFORMATION FOR SEQ ID NO: 37:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 9
 (B) TYPE: AMINO ACID
 (D) TOPOLOGY: LINEAR

- (ii) MOLECULE TYPE: PEPTIDE
- (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (34-42)
 - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 37:

Ala Thr Ser Ser Pro Val Thr Gln Asp
5

- (2) INFORMATION FOR SEQ ID NO: 38:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 6
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
- (ii) MOLECULE TYPE: PEPTIDE
- (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (37-42)
 - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 38:

Ser Pro Val Thr Gln Asp
5

- (2) INFORMATION FOR SEQ ID NO: 39:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 15
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
- (ii) MOLECULE TYPE: PEPTIDE
- (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (25-39)
 - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 39:

Asn Asn Asn Val Glu Lys Ala Pro Ser Ala Thr Ser Ser
5 10
Pro Val
15

- (2) INFORMATION FOR SEQ ID NO: 40:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 12
 - (B) TYPE: AMINO ACID

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: (A4) LOCUS HUMAN iNOS (37-54)
- (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 43:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ser | Pro | Val | Thr | Gln | Asp | Asp | Leu | Gln | Tyr | His | Asn | Leu |
| | | | | 5 | | | | | 10 | | | |
| Ser | Lys | Gln | Gln | Asn | | | | | | | | |
| | 15 | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 44:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 15
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (40-54)
- (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 44:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Thr | Gln | Asp | Asp | Leu | Gln | Tyr | His | Asn | Leu | Ser | Lys | Gln |
| | | | | 5 | | | | | 10 | | | |
| Gln | Asn | | | | | | | | | | | |
| | 15 | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 45:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 12
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (43-54)
- (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 45:

| | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Asp | Leu | Gln | Tyr | His | Asn | Leu | Ser | Lys | Gln | Gln | Asn |
| | | | | 5 | | | | | 10 | | |

- (2) INFORMATION FOR SEQ ID NO: 46:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 9
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (46-54)
 - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 46:

Tyr His Asn Leu Ser Lys Gln Gln Asn
5

- (2) INFORMATION FOR SEQ ID NO: 47:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 6
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (49-54)
 - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 47:

Leu Ser Lys Gln Gln Asn
5

- (2) INFORMATION FOR SEQ ID NO: 48:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 15
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (37-51)
 - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 48:

Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn Leu
5 10
Ser Lys
15

(2) INFORMATION FOR SEQ ID NO: 49:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (37-48)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 49:

Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn
5 10

(2) INFORMATION FOR SEQ ID NO: 50:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (37-45)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 50:

Ser Pro Val Thr Gln Asp Asp Leu Gln
5

(2) INFORMATION FOR SEQ ID NO: 51:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 6

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (37-42)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 51:

Ser Pro Val Thr Gln Asp
5

(2) INFORMATION FOR SEQ ID NO: 52:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: (F6) LOCUS HUMAN iNOS (781-798)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 52:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Pro | Ala | Leu | Val | Gln | Gly | Ile | Leu | Glu | Arg | Val | Val | Asp |
| | | | | 5 | | | | | 10 | | | |
| Gly | Pro | Thr | Pro | His | | | | | | | | |
| 15 | | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 53:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 19

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN eNOS (806-824)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 53:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Pro | Gly | Leu | Val | Glu | Ala | Leu | Leu | Ser | Arg | Val | Glu | Asp |
| | | | | 5 | | | | | 10 | | | |
| Pro | Pro | Ala | Pro | Thr | Glu | | | | | | | |
| 15 | | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 54:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 15

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (784-798)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 54:

Asp Gly Pro Thr Pro His
5

- (2) INFORMATION FOR SEQ ID NO: 58:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 14
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (781-794)
 - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 58:

Pro Ala Leu Val Gln Gly Ile Leu Glu Arg Val Val Asp
5 10
Gly

- (2) INFORMATION FOR SEQ ID NO: 59:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 12
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (781-792)
 - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 59:

Pro Ala Leu Val Gln Gly Ile Leu Glu Arg Val Val
5 10

- (2) INFORMATION FOR SEQ ID NO: 60:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 9
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (781-789)
 - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 60:

Pro Ala Leu Val Gln Gly Ile Leu Glu
5

- (2) INFORMATION FOR SEQ ID NO: 61:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 6
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (781-786)
 - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 61:

Pro Ala Leu Val Gln Gly
5

- (2) INFORMATION FOR SEQ ID NO: 62:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 18
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: (G11) LOCUS HUMAN iNOS (985-1002)
 - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 62:

Gly Ile Val Pro Phe Arg Ser Phe Trp Gln Gln Arg Leu
5 10
His Asp Ser Gln His
15

- (2) INFORMATION FOR SEQ ID NO: 63:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 18
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN nNOS (1256-1273)
 - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 63:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Ile | Ala | Pro | Phe | Arg | Ser | Phe | Trp | Gln | Gln | Arg | Gln |
| | | | | 5 | | | | | 10 | | | |
| Phe | Asp | Ile | Gln | His | | | | | | | | |
| | 15 | | | | | | | | | | | |

- (2) INFORMATION FOR SEQ ID NO: 64:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 15
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN eNOS (1017-1031)
 - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 64:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Ile | Ala | Pro | Phe | Arg | Gly | Phe | Trp | Gln | Glu | Arg | Leu |
| | | | | 5 | | | | | 10 | | | |
| His | Asp | | | | | | | | | | | |
| | 15 | | | | | | | | | | | |

- (2) INFORMATION FOR SEQ ID NO: 65:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 15
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (988-1002)
 - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 65:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Pro | Phe | Arg | Ser | Phe | Trp | Gln | Gln | Arg | Leu | His | Asp | Ser |
| | | | | 5 | | | | | 10 | | | |
| Gln | His | | | | | | | | | | | |
| | 15 | | | | | | | | | | | |

- (2) INFORMATION FOR SEQ ID NO: 66:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 12
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (991-1002)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 (D) OTHER INFORMATION:
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 66:

Ser Phe Trp Gln Gln Arg Leu His Asp Ser Gln His
 5 10

(2) INFORMATION FOR SEQ ID NO: 67:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 9
 (B) TYPE: AMINO ACID
 (D) TOPOLOGY: LINEAR
 (ii) MOLECULE TYPE: PEPTIDE
 (ix) FEATURE:
 (A) NAME/KEY: HUMAN iNOS (994-1002)
 (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 (D) OTHER INFORMATION:
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 67:

Gln Gln Arg Leu His Asp Ser Gln His
 5

(2) INFORMATION FOR SEQ ID NO: 68:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 5
 (B) TYPE: AMINO ACID
 (D) TOPOLOGY: LINEAR
 (ii) MOLECULE TYPE: PEPTIDE
 (ix) FEATURE:
 (A) NAME/KEY: HUMAN iNOS (997-1002)
 (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 (D) OTHER INFORMATION:
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 68:

His Asp Ser Gln His
 5

(2) INFORMATION FOR SEQ ID NO: 69:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 15
 (B) TYPE: AMINO ACID
 (D) TOPOLOGY: LINEAR
 (ii) MOLECULE TYPE: PEPTIDE
 (ix) FEATURE:
 (A) NAME/KEY: HUMAN iNOS (985-998)
 (B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 (D) OTHER INFORMATION:
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 69:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Ile | Val | Pro | Phe | Arg | Ser | Phe | Trp | Gln | Gln | Arg | Leu |
| | | | | 5 | | | | | 10 | | | |
| His | Asp | | | | | | | | | | | |
| | 15 | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 70:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 12
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (985-996)
- (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 70:

| | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Ile | Val | Pro | Phe | Arg | Ser | Phe | Trp | Gln | Gln | Arg |
| | | | | 5 | | | | | 10 | | |

(2) INFORMATION FOR SEQ ID NO: 71:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (985-993)
- (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 71:

| | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Ile | Val | Pro | Phe | Arg | Ser | Phe | Trp |
| | | | | 5 | | | | |

(2) INFORMATION FOR SEQ ID NO: 72:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 6
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (985-990)

- (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 72:

Gly Ile Val Pro Phe Arg
5

- (2) INFORMATION FOR SEQ ID NO: 73:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 18
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
- (ii) MOLECULE TYPE: PEPTIDE
- (ix) FEATURE:
 - (A) NAME/KEY: (H1) LOCUS HUMAN iNOS (1009-1026)
 - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 73:

Arg Met Thr Leu Val Phe Gly Ser Arg Arg Pro Asp Glu
5 10
Asp His Ile Tyr Gln
15

- (2) INFORMATION FOR SEQ ID NO: 74:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 17
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
- (ii) MOLECULE TYPE: PEPTIDE
- (ix) FEATURE:
 - (A) NAME/KEY: HUMAN eNOS (1041-1057)
 - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 74:

Met Thr Leu Val Phe Gly Ser Arg Ser Ser Gln Leu Asp
5 10
His Leu Tyr Arg
15

- (2) INFORMATION FOR SEQ ID NO: 75:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 17
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN nNOS (1281-1297)
- (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 75:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Met | Val | Leu | Val | Phe | Gly | Ser | Arg | Gln | Ser | Lys | Ile | Asp |
| | | | | 5 | | | | | 10 | | | |
| His | Ile | Tyr | Arg | | | | | | | | | |
| | 15 | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 76:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 15
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (1012-1026)
- (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 76:

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Leu | Val | Phe | Gly | Ser | Arg | Arg | Pro | Asp | Glu | Asp | His | Ile |
| | | | | 5 | | | | | 10 | | | |
| Tyr | Gln | | | | | | | | | | | |
| | 15 | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO: 77:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 12
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (1015-1026)
- (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 77:

| | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Ser | Arg | Arg | Pro | Asp | Glu | Asp | His | Ile | Tyr | Gln |
| | | | | 5 | | | | | 10 | | |

- (2) INFORMATION FOR SEQ ID NO: 78:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 9
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (1018-1026)
 - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 78:

Arg Pro Asp Glu Asp His Ile Tyr Gln
5

- (2) INFORMATION FOR SEQ ID NO: 79:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 6
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (1021-1026)
 - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 79:

Glu Asp His Ile Tyr Gln
5

- (2) INFORMATION FOR SEQ ID NO: 80:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 15
 - (B) TYPE: AMINO ACID
 - (D) TOPOLOGY: LINEAR
 - (ii) MOLECULE TYPE: PEPTIDE
 - (ix) FEATURE:
 - (A) NAME/KEY: HUMAN iNOS (1009-1023)
 - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 - (D) OTHER INFORMATION:
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 80:

Arg Met Thr Leu Val Phe Gly Ser Arg Arg Pro Asp Glu
5 10
Asp His
15

- ```

(2) INFORMATION FOR SEQ ID NO: 81:
(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 11
 (B) TYPE: AMINO ACID
 (D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
 (A) NAME/KEY: HUMAN iNOS (1009-1020)
 (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 (D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 81:

Arg Met Thr Leu Val Phe Gly Ser Arg Arg Pro
 5 10

```

- ```

(2) INFORMATION FOR SEQ ID NO: 82:
(i) SEQUENCE CHARACTERISTICS:
      (A) LENGTH: 9
      (B) TYPE: AMINO ACID
      (D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
      (A) NAME/KEY: HUMAN iNOS (1009-1017)
      (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
      (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
      (D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 82:

Arg  Met  Thr  Leu  Val  Phe  Gly  Ser  Arg

```

- ```

(2) INFORMATION FOR SEQ ID NO: 83:
(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 6
 (B) TYPE: AMINO ACID
 (D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
 (A) NAME/KEY: HUMAN iNOS (1009-1014)
 (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
 (D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 83:

Arg Met Thr Leu Val Phe
 5

```

(2) INFORMATION FOR SEQ ID NO: 84:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: TRUNCATED HUMAN iNOS (40-54)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 84:

Thr Gln Asp Asp Leu Gln Tyr His Asn Leu Ser Lys  
5 10

(2) INFORMATION FOR SEQ ID NO: 85:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: TRUNCATED HUMAN iNOS (784-798)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 85:

Val Gln Gly Ile Leu Glu Arg Val Val  
5

(2) INFORMATION FOR SEQ ID NO: 86:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (37-54)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 86:

Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn Leu  
5 10

Ser Lys Gln Gln Asn  
15

- (2) INFORMATION FOR SEQ ID NO: 87:
- (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 5
    - (B) TYPE: AMINO ACID
    - (D) TOPOLOGY: LINEAR
  - (ii) MOLECULE TYPE: PEPTIDE
  - (ix) FEATURE:
    - (A) NAME/KEY: HUMAN iNOS (41-45)
    - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
    - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
    - (D) OTHER INFORMATION:
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 87:

Gln Asp Asp Leu Gln  
5

- (2) INFORMATION FOR SEQ ID NO: 88:
- (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 6
    - (B) TYPE: AMINO ACID
    - (D) TOPOLOGY: LINEAR
  - (ii) MOLECULE TYPE: PEPTIDE
  - (ix) FEATURE:
    - (A) NAME/KEY: HUMAN iNOS (40-45)
    - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
    - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
    - (D) OTHER INFORMATION:
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 88:

Thr Gln Asp Asp Leu Gln  
5

- (2) INFORMATION FOR SEQ ID NO: 89:
- (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 7
    - (B) TYPE: AMINO ACID
    - (D) TOPOLOGY: LINEAR
  - (ii) MOLECULE TYPE: PEPTIDE
  - (ix) FEATURE:
    - (A) NAME/KEY: HUMAN iNOS (39-45)
    - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
    - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
    - (D) OTHER INFORMATION:
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 89:

Val Thr Gln Asp Asp Leu Gln  
5



- (2) INFORMATION FOR SEQ ID NO: 90:
- (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 8
    - (B) TYPE: AMINO ACID
    - (D) TOPOLOGY: LINEAR
  - (ii) MOLECULE TYPE: PEPTIDE
  - (ix) FEATURE:
    - (A) NAME/KEY: HUMAN iNOS (38-45)
    - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
    - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
    - (D) OTHER INFORMATION:
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 90:

Pro Val Thr Gln Asp Asp Leu Gln  
5

- (2) INFORMATION FOR SEQ ID NO: 91:
- (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 9
    - (B) TYPE: AMINO ACID
    - (D) TOPOLOGY: LINEAR
  - (ii) MOLECULE TYPE: PEPTIDE
  - (ix) FEATURE:
    - (A) NAME/KEY: HUMAN iNOS (37-45)
    - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
    - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
    - (D) OTHER INFORMATION:
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 91:

Ser Pro Val Thr Gln Asp Asp Leu Gln  
5

- (2) INFORMATION FOR SEQ ID NO: 92:
- (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 5
    - (B) TYPE: AMINO ACID
    - (D) TOPOLOGY: LINEAR
  - (ii) MOLECULE TYPE: PEPTIDE
  - (ix) FEATURE:
    - (A) NAME/KEY: HUMAN iNOS (40-44)
    - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
    - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
    - (D) OTHER INFORMATION:
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 92:

Thr Gln Asp Asp Leu  
5

- (2) INFORMATION FOR SEQ ID NO: 93:
- (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 6
    - (B) TYPE: AMINO ACID
    - (D) TOPOLOGY: LINEAR
  - (ii) MOLECULE TYPE: PEPTIDE
  - (ix) FEATURE:
    - (A) NAME/KEY: HUMAN iNOS (39-44)
    - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
    - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
    - (D) OTHER INFORMATION:
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 93:

Val Thr Gln Asp Asp Leu  
5

- (2) INFORMATION FOR SEQ ID NO: 94:
- (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 7
    - (B) TYPE: AMINO ACID
    - (D) TOPOLOGY: LINEAR
  - (ii) MOLECULE TYPE: PEPTIDE
  - (ix) FEATURE:
    - (A) NAME/KEY: HUMAN iNOS (38-44)
    - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
    - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
    - (D) OTHER INFORMATION:
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 94:

Pro Val Thr Gln Asp Asp Leu  
5

- (2) INFORMATION FOR SEQ ID NO: 95:
- (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 8
    - (B) TYPE: AMINO ACID
    - (D) TOPOLOGY: LINEAR
  - (ii) MOLECULE TYPE: PEPTIDE
  - (ix) FEATURE:
    - (A) NAME/KEY: HUMAN iNOS (37-44)
    - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
    - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
    - (D) OTHER INFORMATION:
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 95:

Ser Pro Val Thr Gln Asp Asp Leu  
5

- (2) INFORMATION FOR SEQ ID NO: 96:
- (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 9
    - (B) TYPE: AMINO ACID
    - (D) TOPOLOGY: LINEAR
  - (ii) MOLECULE TYPE: PEPTIDE
  - (ix) FEATURE:
    - (A) NAME/KEY: HUMAN iNOS (36-44)
    - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
    - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
    - (D) OTHER INFORMATION:
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 96:

Ser Ser Pro Val Thr Gln Asp Asp Leu  
5

- (2) INFORMATION FOR SEQ ID NO: 97:
- (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 5
    - (B) TYPE: AMINO ACID
    - (D) TOPOLOGY: LINEAR
  - (ii) MOLECULE TYPE: PEPTIDE
  - (ix) FEATURE:
    - (A) NAME/KEY: HUMAN iNOS (39-43)
    - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
    - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
    - (D) OTHER INFORMATION:
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 97:

Val Thr Gln Asp Asp  
5

- (2) INFORMATION FOR SEQ ID NO: 98:
- (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 6
    - (B) TYPE: AMINO ACID
    - (D) TOPOLOGY: LINEAR
  - (ii) MOLECULE TYPE: PEPTIDE
  - (ix) FEATURE:
    - (A) NAME/KEY: HUMAN iNOS (38-43)
    - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
    - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
    - (D) OTHER INFORMATION:
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 98:

Pro Val Thr Gln Asp Asp  
5

- (2) INFORMATION FOR SEQ ID NO: 99:
- (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 7
    - (B) TYPE: AMINO ACID
    - (D) TOPOLOGY: LINEAR
  - (ii) MOLECULE TYPE: PEPTIDE
  - (ix) FEATURE:
    - (A) NAME/KEY: HUMAN iNOS (37-43)
    - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
    - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
    - (D) OTHER INFORMATION:
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 99:

Ser Pro Val Thr Gln Asp Asp  
5

- (2) INFORMATION FOR SEQ ID NO: 100:
- (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 8
    - (B) TYPE: AMINO ACID
    - (D) TOPOLOGY: LINEAR
  - (ii) MOLECULE TYPE: PEPTIDE
  - (ix) FEATURE:
    - (A) NAME/KEY: HUMAN iNOS (36-43)
    - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
    - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
    - (D) OTHER INFORMATION:
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 100:

Ser Ser Pro Val Thr Gln Asp Asp  
5

- (2) INFORMATION FOR SEQ ID NO: 101:
- (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 9
    - (B) TYPE: AMINO ACID
    - (D) TOPOLOGY: LINEAR
  - (ii) MOLECULE TYPE: PEPTIDE
  - (ix) FEATURE:
    - (A) NAME/KEY: HUMAN iNOS (35-43)
    - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
    - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
    - (D) OTHER INFORMATION:
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 101:

Thr Ser Ser Pro Val Thr Gln Asp Asp  
5

(2) INFORMATION FOR SEQ ID NO: 102:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (37-54)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 102:

|     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ser | Pro | Val | Thr | Gln | Asp | Asp | Leu | Gln | Tyr | His | Asn | Leu |
|     |     |     |     | 5   |     |     |     |     | 10  |     |     |     |
| Ser | Lys | Gln | Gln | Asn |     |     |     |     |     |     |     |     |
|     | 15  |     |     |     |     |     |     |     |     |     |     |     |

(2) INFORMATION FOR SEQ ID NO: 103:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 15

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (40-54)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 103:

|     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Thr | Gln | Asp | Asp | Leu | Gln | Tyr | His | Asn | Leu | Ser | Lys | Gln |
|     |     |     |     | 5   |     |     |     |     | 10  |     |     |     |
| Gln | Asn |     |     |     |     |     |     |     |     |     |     |     |
|     | 15  |     |     |     |     |     |     |     |     |     |     |     |

(2) INFORMATION FOR SEQ ID NO: 104:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (43-54)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 104:

Asp Leu Gln Tyr His Asn Leu Ser Lys Gln Gln Asn  
5 10

- (2) INFORMATION FOR SEQ ID NO: 105:
- (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 9
    - (B) TYPE: AMINO ACID
    - (D) TOPOLOGY: LINEAR
  - (ii) MOLECULE TYPE: PEPTIDE
  - (ix) FEATURE:
    - (A) NAME/KEY: HUMAN iNOS (46-54)
    - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
    - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
    - (D) OTHER INFORMATION:
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 105:

Tyr His Asn Leu Ser Lys Gln Gln Asn  
5

- (2) INFORMATION FOR SEQ ID NO: 106:
- (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 6
    - (B) TYPE: AMINO ACID
    - (D) TOPOLOGY: LINEAR
  - (ii) MOLECULE TYPE: PEPTIDE
  - (ix) FEATURE:
    - (A) NAME/KEY: HUMAN iNOS (49-54)
    - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
    - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
    - (D) OTHER INFORMATION:
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 106:

Leu Ser Lys Gln Gln Asn  
5

- (2) INFORMATION FOR SEQ ID NO: 107:
- (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 15
    - (B) TYPE: AMINO ACID
    - (D) TOPOLOGY: LINEAR
  - (ii) MOLECULE TYPE: PEPTIDE
  - (ix) FEATURE:
    - (A) NAME/KEY: HUMAN iNOS (37-51)
    - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
    - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
    - (D) OTHER INFORMATION:
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 107:

Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn Leu  
5 10  
Ser Lys  
15

- (2) INFORMATION FOR SEQ ID NO: 108:
- (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 12
    - (B) TYPE: AMINO ACID
    - (D) TOPOLOGY: LINEAR
  - (ii) MOLECULE TYPE: PEPTIDE
  - (ix) FEATURE:
    - (A) NAME/KEY: HUMAN iNOS (37-48)
    - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
    - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
    - (D) OTHER INFORMATION:
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 108:

Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn  
5 10

- (2) INFORMATION FOR SEQ ID NO: 109:
- (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 9
    - (B) TYPE: AMINO ACID
    - (D) TOPOLOGY: LINEAR
  - (ii) MOLECULE TYPE: PEPTIDE
  - (ix) FEATURE:
    - (A) NAME/KEY: HUMAN iNOS (37-45)
    - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
    - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
    - (D) OTHER INFORMATION:
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 109:

Ser Pro Val Thr Gln Asp Asp Leu Gln  
5

- (2) INFORMATION FOR SEQ ID NO: 110:
- (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 6
    - (B) TYPE: AMINO ACID
    - (D) TOPOLOGY: LINEAR
  - (ii) MOLECULE TYPE: PEPTIDE
  - (ix) FEATURE:
    - (A) NAME/KEY: HUMAN iNOS (37-42)
    - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
    - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
    - (D) OTHER INFORMATION:
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 110:

Ser Pro Val Thr Gln Asp  
5

- (2) INFORMATION FOR SEQ ID NO: 111:
- (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 10
    - (B) TYPE: AMINO ACID
    - (D) TOPOLOGY: LINEAR
  - (ii) MOLECULE TYPE: PEPTIDE
  - (ix) FEATURE:
    - (A) NAME/KEY: HUMAN iNOS (35-44)
    - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
    - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
    - (D) OTHER INFORMATION:
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 111:

Thr Ser Ser Pro Val Thr Gln Asp Asp Leu  
5 10

- (2) INFORMATION FOR SEQ ID NO: 112:
- (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 18
    - (B) TYPE: AMINO ACID
    - (D) TOPOLOGY: LINEAR
  - (ii) MOLECULE TYPE: PEPTIDE
  - (ix) FEATURE:
    - (A) NAME/KEY: HUMAN iNOS (781-798)
    - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
    - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
    - (D) OTHER INFORMATION:
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 112:

Pro Ala Leu Val Gln Gly Ile Leu Glu Arg Val Val Asp  
5 10  
Gly Pro Thr Pro His  
15

- (2) INFORMATION FOR SEQ ID NO: 113:
- (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 5
    - (B) TYPE: AMINO ACID
    - (D) TOPOLOGY: LINEAR
  - (ii) MOLECULE TYPE: PEPTIDE
  - (ix) FEATURE:
    - (A) NAME/KEY: HUMAN iNOS (788-792)
    - (B) LOCATION: CARBOXY TERMINAL WITH AMIDE
    - (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
    - (D) OTHER INFORMATION:



(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 113:

Leu Glu Arg Val Val  
5

(2) INFORMATION FOR SEQ ID NO: 114:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 6

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (787-792)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 114:

Ile Leu Glu Arg Val Val  
5

(2) INFORMATION FOR SEQ ID NO: 115:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 7

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (786-792)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 115:

Gly Ile Leu Glu Arg Val Val  
5

(2) INFORMATION FOR SEQ ID NO: 116:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 8

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (785-792)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 116:

Gln Gly Ile Leu Glu Arg Val Val  
5

(2) INFORMATION FOR SEQ ID NO: 117:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (784-792)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 117:

Val Gln Gly Ile Leu Glu Arg Val Val  
5

(2) INFORMATION FOR SEQ ID NO: 118:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 5

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (787-791)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 118:

Ile Leu Glu Arg Val  
5

(2) INFORMATION FOR SEQ ID NO: 119:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 6

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (786-791)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 119:

Gly Ile Leu Glu Arg Val  
5

(2) INFORMATION FOR SEQ ID NO: 120:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 7

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (785-791)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 120:

Gln Gly Ile Leu Glu Arg Val  
5

(2) INFORMATION FOR SEQ ID NO: 121:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 8

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (784-791)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 121:

Val Gln Gly Ile Leu Glu Arg Val  
5

(2) INFORMATION FOR SEQ ID NO: 122:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (783-791)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 122:

Leu Val Gln Gly Ile Leu Glu Arg Val  
5

(2) INFORMATION FOR SEQ ID NO: 123:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 5

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (786-790)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 123:

Gly Ile Leu Glu Arg  
5

(2) INFORMATION FOR SEQ ID NO: 124:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 6

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (785-790)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 124:

Gln Gly Ile Leu Glu Arg  
5

(2) INFORMATION FOR SEQ ID NO: 125:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 7

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (784-790)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 125:

Val Gln Gly Ile Leu Glu Arg  
5

(2) INFORMATION FOR SEQ ID NO: 126:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 8

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (783-790)

(B) LOCATION: CARBOXY TERMINAL WITH AMIDE

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 126:

Leu Val Gln Gly Ile Leu Glu Arg  
5